

SAFETY DATA SHEET
SOPRA-CELLULOSE

Offerte en français

GHS	PROTECTIVE CLOTHING	TRANSPORT OF DANGEROUS GOODS
Not regulated		Not regulated

SECTION I: IDENTIFICATION

Use: Cellulose insulation.

Manufacturer:

Les Entreprises Benolec Ltée
1451 Nobel Street
Sainte-Julie (Quebec) J3E 1Z4
CANADA
Tel.: 450 922-2000

Distributors:

Soprema Canada
1675 Haggerty Street
Drummondville (Quebec) J2C 5P7
CANADA
Tel.: 819 478-8163

Soprema Inc.
44955 Yale Road West
Chilliwack (BC) V2R 4H3
CANADA
Tel.: 604 793-7100

Soprema USA
310 Quadral Drive
Wadsworth (Ohio) 44281
UNITED STATES
Tel.: 1 800 356-3521

Soprema USA
12251 Seaway Road
Gulfport (Mississippi) 39507
UNITED STATES
Tel.: 228 701-1900

In case of emergency:

SOPREMA (8:00am to 5:00pm): 1 800 567-1492 CANUTEC (Canada) (24h.): 613 996-6666 CHEMTREC (USA) (24h.): 1 800 424-9300

SECTION II: HAZARD(S) IDENTIFICATION

DANGER

SECTION III: COMPOSITION AND INFORMATION ON HAZARDOUS INGREDIENTS

NAME	CAS #	% WEIGHT	EXPOSURE LIMIT (ACGIH)	
			TLV-TWA	TLV-STEL
Cellulose fibre	65996-61-4	≤ 86		
Ammonium sulfate	7783-20-2	≤ 8		
Boric acid	10043-35-3	≤ 5		
Mineral oil	64742-65-0	≤ 1		
Mono ammonium phosphate	7722-76-1	≤ 0,5		

Effects of Short-Term (Acute) Exposure

INHALATION

No information available.

SKIN CONTACT

No information available.

EYE CONTACT

No information available.

INGESTION

No information available.

Effects of Long-Term (Chronic) Exposure

SKIN SENSITIZATION

No information available.

CARCINOGENICITY

No information available.

TERATOGENICITY, EMBRYOTOXICITY, FETOTOXICITY

No information available.

REPRODUCTIVE TOXICITY

No information available.

MUTAGENICITY

No information available.

SECTION IV: FIRST-AID MEASURES

SKIN CONTACT

Does not normally itch or irritate skin. If skin is broken or sensitive, wash with soap and water.

EYE CONTACT

Dust may cause eye irritation. Use liquids suitable to cleanse eye for several minutes. If irritation persists, seek medical attention.

INHALATION

Dust may irritate nose or throat. If difficulty continues, move to fresh air. Seek medical attention if conditions persist. Smoking will impair the ability of the lungs to clear themselves of dust.

SWALLOWING

Not intended for ingestion. Not a supplement or replacement for human or animal dietary fibre. See physician if ingested.

SECTION V: FIRE-FIGHTING MEASURES

FLAMMABILITY: Not flammable
EXPLOSION DATA: Sensitivity to mechanical impact: No
Sensitivity to static charge: Can accumulate static charge by flow.

FLASH POINT: ≥ 550°F (288°C)
AUTO-IGNITION TEMPERATURE: No data available
FLAMMABILITY LIMITS IN AIR: No data available

COMBUSTION PRODUCTS

Products of combustion may include but not limited to oxides of carbon.

FIRE FIGHTING INSTRUCTIONS

Use standard procedures with full protective clothing and respiratory equipment (SCBA).

MEANS OF EXTINCTION

Water or any other agent rated for a wood fire (Type A).

SECTION VI: ACCIDENTAL RELEASE MEASURES

GENERAL

Use good housekeeping to minimize dust levels below the exposure limits listed in Section 8. See Section 8 for further information on protective clothing and equipment and Section 13 for disposal.

IN CASE OF SPILL

Shovel or sweep up and place in suitable container for disposal. Minimize dust generation. Do not dispose in sewers or waterways.

SECTION VII: HANDLING AND STORAGE

HANDLING

Avoid contact with skin and eyes. Avoid breathing dust. Do not swallow. Handle and open package with care. Good housekeeping is important to prevent accumulation of dust. When using, do not eat, drink, or smoke. Launder contaminated clothing before reuse. Wash hands before eating, drinking, and smoking.

STORAGE

Keep out of the reach of children. Dry storage is recommended at ambient temperatures and atmosphere. Do not store near open flames or temperatures above 180°F (82°C).

SECTION VIII: EXPOSURE CONTROLS / PERSONAL PROTECTION

HANDS: Wear suitable gloves.

RESPIRATORY: Wear suitable respirator for conditions.

EYES: Safety glasses or goggles are recommended when using product..

SKIN AND BODY: Wear suitable protective clothing.

OTHERS: Do not eat, smoke, or drink where material is handled, processed or stored. Wash hands carefully before eating, drinking, or smoking. Handle according to established industrial hygiene or safety practices.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Fibre
ODOUR AND APPEARANCE:	Grayish milled fibre and none to slight paper odour
ODOUR THRESHOLD:	No data available
VAPOUR DENSITY (air = 1):	Not applicable
VAPOUR PRESSURE:	No data available
EVAPORATION RATE (Butyl acetate = 1):	Not applicable
BOILING, MELTING POINT (760 mm Hg):	Not applicable
FREEZING POINT:	No data available
SOLUBILITY IN WATER (20°C):	Insoluble, dispersible
REACTIVITY IN WATER:	None
pH:	6.0 to 8.0
BULK DENSITY:	1.6 lb/ft ³ per ASTM C739
VISCOSITY:	Not applicable
DECOMPOSITION TEMPERATURE:	No data available
PARTITION COEFFICIENT:	No data available

SECTION X: STABILITY AND REACTIVITY

STABILITY: Stable under normal storage conditions.

CONDITIONS OF REACTIVITY: No dangerous reaction known under conditions of normal use.

INCOMPATIBILITY: Chlorates, nitrates, strong oxidizers, and reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: May include but not limited to oxides of carbon.

CONDITIONS TO AVOID: Moisture and incompatible materials.

POSSIBILITY OF HAZARDOUS REACTIONS: None under normal use.

SECTION XI: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL DATA

Cellulose:

LC ₅₀ (inhalation, rat):	> 5.8 mg/L
LD ₅₀ (oral, rat):	> 5 000 mg/kg of body weight
LD ₅₀ (dermal, rabbit):	> 2 800 mg/kg of body weight

Boric Acid:

LC ₅₀ (inhalation, rat):	> 2.01 mg/L
LD ₅₀ (oral, rat):	2 550 mg/kg of body weight
LD ₅₀ (dermal, rabbit):	> 2 000 mg/kg of body weight

Ammonium Sulfate:

LC ₅₀ (inhalation, rat):	> 1 000 ppm (8-hour exposure)
LD ₅₀ (oral, rat):	3 000 mg/kg of body weight
LD ₅₀ (dermal, rat):	> 2 000 mg/kg of body weight

Mono Ammonium Phosphate:

LD ₅₀ (oral, rat):	> 5 000 mg/kg of body weight
LD ₅₀ (dermal, rabbit):	> 5 000 mg/kg of body weight

DERMAL IRRITATION/CORROSIVITY

Cellulose: Non irritating, non sensitizing.

Boric Acid: Non irritating, non sensitizing.

Ammonium Sulfate: Slight irritation (rabbit).

EYE IRRITATION

Cellulose: No information found.

Boric Acid: Non irritating.

Ammonium Sulfate: Slight irritation.

Effects of Short-Term (Acute) Exposure

INHALATION

Inhalation is the most significant route of exposure in occupational and other settings. If inhaled, other symptoms include runny nose, sneezing, and coughing.

EYE IRRITATION

Contact of dust with the eyes causes redness, pain, and inflammation of the eyelids.

SKIN CONTACT

Dermal exposure is not usually a concern as cellulose and boric acid is poorly absorbed through the skin.

INGESTION

This product is not intended for ingestion. Products containing this product are not intended for ingestion.

Effects of Long-Term (Chronic) Exposure

CARCINOGENICITY

Cellulose and Boric Acid: Are not listed as known or suspected carcinogens by OSHA, ACGIH, NTP, or IARC.

MUTAGENICITY (Germ cell)

No information found.

REPRODUCTIVE TOXICITY

No classification.

SECTION XII: ECOLOGICAL INFORMATION

Not listed as a known marine pollutant according to the IMDG Code. Not known as environmentally hazardous according to UN Model Regulations, ADR, RID, and ADN.

Cellulose insulation: No information found.

Phytotoxicity: Boron is an essential micronutrient for healthy growth of plants. It can be harmful to boron sensitive plants in higher quantities. Care should be taken to minimize the amount released to environment.

Persistence and Degradability: Boron is naturally occurring and ubiquitous in the environment. Boric acid decomposes in the environment to natural borate.

Bioaccumulative Potential: Not significantly bioaccumulative.

Mobility in Soil: Boric acid is soluble in water and is leachable through normal soil. Adsorption to soils or sediments is insignificant.

SECTION XIII: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL

This product is considered as dangerous material. Consult local, state, provincial or territory authorities to know disposal methods. This material is also known as dangerous waste by RCRA (USA); disposal should follow EPA regulations. Do not dispose in sewers or waterways.

SECTION XIV: TRANSPORT INFORMATION

Not regulated.

SECTION XV: REGULATORY INFORMATION

DSL: All constituents of this product are included in the Domestic Substances List (DSL – Canada).

TSCA: All constituents of this product are included in the Toxic Substances Control Act Inventory (TSCA – USA).

Prop. 65: This product does not contain chemicals known to the State of California to cause cancer or reproductive toxicity.

Superfund – CERCLA/SARA. This product is not listed under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) or its 1986 amendments, the Superfund Amendments and Reauthorization Act (SARA), including substances listed under Section 313 of SARA, Toxic Chemicals, 42 USC 11023, 40 CFR 372.65; Section 302 of SARA Extremely Hazardous Substances, 42 USC 110002, 40 CFR 355; or the CERCLA Hazardous Substances list, 42 USC 9604, 40 CFR 302.

RCRA: This product is not listed as a hazardous waste under any sections of the Resource Conservation and Recovery Act or regulations (40 CFR 261 et seq.).

EPCRA: Not considered a hazardous material and a delayed health hazard by the EPA.

TSCA No: This product does not appear on the EPA TSCA inventory list.

IARC: Not listed on The International Agency for Research on Cancer as a carcinogen.

NTP Annual Report on Carcinogens: Not listed.

Safe Drinking Water Act: This product is not regulated under the SDWA, 42 USC 300g-1, 40 CFR141 et seq.

SECTION XVI: OTHER INFORMATION

GLOSSARY

ACGIH: American Conference of Governmental Industrial Hygienists (United States)

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland waterways

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

ASTM: American Society for Testing and Materials (United States)

CAS: Chemical Abstract Services

CSA: Canadian Standardization Association

DOT: Department of Transportation (United States)

EPA: Environmental Protection Agency (United States)

GHS Globally Harmonized System

IARC: International Agency for Research on Cancer

LD₅₀/LC₅₀: Less high lethal dose and lethal concentration published

NFPA: National Fire Protection Association (United States)

NTP: National Toxicology Program (United States)

OSHA: Occupational Safety & Health Administration (United States)

RCRA: Resource Conservation and Recovery Act (United States)

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

TDG: Transportation of Dangerous Goods (Canada)

TLV-TWA: Threshold Limit Value – Time-Weighted Average

UN: United Nations

Reference:

Safety Data Sheet of supplier.

Code of SDS:

CA U DRU SS FS 225

For more information:

1 800 567-1492

The Safety Data Sheets of SOPREMA Canada are available on Internet at the following site: www.soprema.ca

Justification of the update:

- New product.

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